

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A light emission method ~~of a light source for imaging~~ in which light as a light source for imaging is emitted using a first light source generating instrument of emitting red light, a second light source generating instrument of emitting green light and a third light source generating instrument of emitting blue light, said method comprising:

a first light emitting step of making said first light source generating instrument emit light in a first light emission period;

a second light emitting step of making said second light source generating instrument emit light in a second light emission period;

a third light emitting step of making said third light source generating instrument emit light in a third light emission period; and

a fourth light emitting step of making said first light source generating instrument, said second light source generating instrument and said third light source generating instrument emit light at the same time in a fourth light emission period, in a period for display of one image,

wherein at least one duration compared to another duration of the durations of said first light emission period, said second light emission period and said third light emission period are respectively ~~is made different from others~~.

2. (Currently Amended) The light emission method according to claim 1, wherein at least any one of the ~~three controls below applies~~:

~~control to make the light intensity of said first light source generating instrument different for in said first light emission period being different from that in and said fourth light emission period;~~

~~control to make the light intensity of said second light source generating instrument different for in said second light emission period being different from that in and said fourth light emission period; and~~

~~control to make the light intensity of said third light source generating instrument different for in said third light emission period being different from that in and said fourth light emission period is performed.~~

3. (Currently Amended) The light emission method according to claim 2, wherein a ratio of the light amount of said first light source generating instrument in said first light emission period, the light amount of said second light source generating instrument in said second light emission period, and the light amount of said third light source generating instrument in said third light emission period,

and a ratio of the light amount of said first light source generating instrument, the light amount of said second light source generating instrument and the light amount of said third light source generating instrument in said fourth light emission period are made substantially the same.

4. (Currently Amended) The light emission method according to claim 1, wherein said first light emission period, said second light emission period, said third light emission period and said fourth light emission period are assigned to said period for display of one image in a continuous or discontinuous manner.

5. (Currently Amended) The light emission method according to claim 4, wherein said first light emission period, said second light emission period and said third light emission period are assigned ~~to said period for display of one image in this order or in no particular order~~ in a continuous or discontinuous manner, and said fourth light emission period is assigned so as to be inserted in a period after one round of said first light emission period, said second light emission period and said third light emission period.

6. (Original) The light emission method according to claim 4, wherein said fourth light emission period is divided into divided periods, and the divided periods are assigned for display of one image so as to be inserted between at least one pair of light emission periods of said first light emission period, said second light emission period and said third light emission period.

7. (Currently Amended) A light emitting apparatus ~~of emitting light as a light source for imaging~~, comprising:

a first light source generating instrument for emitting red light in a first and a fourth light emission periods in a period for display of one image;

a second light source generating instrument for emitting green light in a second and a fourth light emission periods in a period for display of one image; and

a third light source generating instrument for emitting blue light in a third and a fourth light emission periods in a period for display of one image, ; and

~~a control instrument for controlling light emission by said first to third light generating instrument so that~~

~~a first light emitting step of making said first light generating instrument emit light in a first light emission period;~~

~~a second light emitting step of making said second light generating instrument emit light in a second light emission period;~~

~~a third light emitting step of making said third light generating instrument emit light in a third light emission period; and~~

~~a fourth light emitting step of making said first light generating instrument, second light generating instrument and third light generating instrument emit light at the same time in a fourth light emission period are carried out in a period for display of one image;~~

~~wherein said control instrument performs control to make at least any one of the durations duration compared to another duration of said first light emission period, said second light emission period and said third light emission period are respectively different from others.~~

8. (Currently Amended) The light emitting apparatus according to claim 7, wherein ~~said control instrument performs~~ at least any one of the below applies:

~~control to make the light intensity of said first light source generating instrument different for in said first light emission period being different from that in and said fourth light emission period;~~

~~control to make the light intensity of said second light source generating instrument different for in said second light emission period being different from that in and said fourth light emission period; and~~

~~control to make the light intensity of said third light source generating instrument different for in said third light emission period being different from that in and said fourth light emission period.~~

9. (Currently Amended) The light emitting apparatus according to claim 7, wherein ~~said control instrument performs control to make substantially the same~~

a ratio of the light amount of said first light ~~source generating instrument in said first light emission period~~, the light amount of said second light ~~source generating instrument in said second light emission period~~ and the light amount of said third light ~~source generating instrument in said first light emission period, said second light emission period and said third light emission period~~, and a ratio of the light amount of said first light ~~source generating instrument~~, the light amount of said second light ~~source generating instrument~~ and the light amount of said third light ~~source generating instrument in said fourth light emission period~~ are substantially the same.

10. (Currently Amended) The light emitting apparatus according to claim 7, wherein ~~said control instrument performs control to assign~~ said first light emission period, said second light emission period, said third light emission period and said fourth light emission period are assigned to said period for display of one image in a continuous or discontinuous manner.

11. (Currently Amended) The light emitting apparatus according to claim ~~10~~ 7, wherein ~~said control instrument performs control to assign~~ said first light emission period, said second light emission period and said third light emission period are assigned to said display period ~~for position image in this order or in no particular order~~ in a continuous or discontinuous manner, and ~~assign~~ said fourth light emission period is assigned so as to be inserted in to a period after one round of said first light emission period, said second light emission period and said third light emission period.

12. (Currently Amended) The light emitting apparatus according to claim 10, wherein ~~said control instrument performs control to divide~~ during said period for display of one image, said fourth light emission period is divided, and ~~assign~~ the divided periods ~~to said period for display of one image so as to be~~ are inserted between at least one pair of light emission periods of said first light emission period, said second light emission period and said third light emission period.

13. (Currently Amended) A projection display apparatus comprising:

a first light source of emitting red light in a first and a fourth light emission periods during a period for display of one image;

a second light source of emitting green light in a second and a fourth light emission periods during a period for display of one image;

a third light source of emitting blue light in a third and a fourth light emission periods during a period for display of one image;

a light collecting system collecting light from said first, second and third light sources;

a light modulation element modulating light collected by said light collecting system; and

a projection ~~lens instrument~~ of projecting light modulated by said light modulation element;

~~wherein said projection display apparatus has the light emitting apparatus according to claim 7 as said light source.~~

14. (Cancelled)

15. (Cancelled)